

Application No. 10/735,424
Amendment dated June 16, 2006
In response to Office Action dated: February 16, 2006

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A composition comprising:
 - A. from about 0.1 to about 25% by weight of graphite;
 - B. from about 0.01 to about 10% by weight of a water dispersible binding agent for binding to said graphite, wherein said water dispersible binding agent is selected from the group consisting of monosaccharides, polysaccharides, and combinations thereof; and
 - BC. a corrosion inhibitor, wherein said corrosion inhibitor is present in an amount effective to reduce the dissolution of metal from a metallic surface in contact with said composition, wherein said graphite and corrosion inhibitor are dispersed in water.
2. (Previously presented) The composition of claim 1, further comprising carbon black.
3. (Original) The composition of claim 1 wherein said corrosion inhibitor is present in an amount effective to prevent the dissolution of metal from said metallic surface in contact with said composition.
4. (Original) The composition of claim 1 wherein said amount of said corrosion inhibitor is from about 1 ppm to about 1% by weight.
5. (Original) The composition of claim 1 wherein said amount of said corrosion inhibitor is from about 50 ppm to about 4000 ppm.
6. (Original) The composition of claim 1 wherein said amount of said corrosion inhibitor is from about 200 ppm to about 600 ppm
7. (Original) The composition of claim 1 wherein said corrosion inhibitor is at least one of an imidazole, a triazole, an indole, an azole, a thiazole, or a tetrazole.
8. (Original) The composition of claim 1 wherein said corrosion inhibitor is benzotriazole or tolyltriazole.
9. (Original) The composition of claim 1 wherein said metal is copper.
- 10-37. (Cancelled).

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38. (New) A composition comprising:

- A. from about 0.1 to about 25% by weight of graphite;
- B. an alkaline etching agent capable of dissolving metal from a metallic surface in contact with said composition;
- C. metal dissolved by said alkaline etching agent into said composition; and
- D. a corrosion inhibitor, wherein said corrosion inhibitor is present in an amount effective to prevent gel formation or at least partially reverse gel formation caused by the dissolved metal in said composition.

39. (New) The composition of claim 38, further comprising carbon black.

40. (New) The composition of claim 38 wherein said amount of said corrosion inhibitor is from about 1 ppm to about 1% by weight.

41. (New) The composition of claim 38 wherein said amount of said corrosion inhibitor is from about 50 ppm to about 4000 ppm.

42. (New) The composition of claim 38 wherein said amount of said corrosion inhibitor is from about 200 ppm to about 600 ppm

43. (New) The composition of claim 38 wherein said corrosion inhibitor is at least one of an imidazole, a triazole, an indole, an azole, a thiazole, or a tetrazole.

44. (New) The composition of claim 38 wherein said corrosion inhibitor is benzotriazole or tolyltriazole.

45. (New) The composition of claim 38 wherein said metal is copper.

46. (New) The composition of claim 38, wherein said alkaline etching agent is ammonia or monoethanolamine.